

Cell Project

30 points

Objective

To review cellular organelles and their functions, you are going to work with a partner to create a model of an animal cell displaying the correct appearance and location of 10 different organelles. You are also going to create a song, rap, or poem explaining the function of each.

Grading

You will be graded in the following areas:

- Accuracy (20 pts)
 - Are each of the following organelles accurately labeled and correctly placed in the model?
 1. Nucleus (including each of its following parts)
 - a. Nuclear envelope
 - b. Chromosomes
 - c. Nucleolus
 2. Cytoplasm
 3. Cell membrane
 4. Ribosomes
 5. Smooth AND rough Endoplasmic reticulum
 6. Golgi apparatus
 7. Lysosomes
 8. Mitochondria
 9. Cytoskeleton
 10. Centrioles
 - Is the function of EACH of the above organelles accurately explained in the song/rap/poem?
- Appearance and Creativity (10 pts)
 - Is the model neatly done?
 - Does the model creatively make use of materials?
 - Is the song/rap/poem easy to understand?
 - Is the song/rap/poem funny, interesting, and/or appealing?